

ELECTRONIC TUBE REFERENCE

M8079

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
DIODE-DIODE

Rugged special-quality miniature double diode with separate cathodes and internal screening, designed for equipment subject to severe mechanical shock and vibration.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
PEAK INVERSE VOLTAGE	460 V
NOMINAL OUTPUT CURRENT	10 mA
PEAK FORWARD CURRENT	60 mA
Representative of two identical special-quality diode sections.	

SECTION2 Diode	
MAXIMUM CATHODE CURRENT	10 mA
Physical diode section added during approved section-structure reconciliation.	

The Mullard M8079 is a rugged special-quality miniature double diode with separate cathodes and internal screening.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1963 MULLARD

Section 1 · Diode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	300 mA	—
Anode-Cathode-Heater Capacitance	3.2 pF	EachSection
Cathode-Anode-Heater Capacitance	3.9 pF	EachSection
Inter-Anode Capacitance Maximum	0.026 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Inverse Voltage	460 V	EachSection
Maximum DC Anode Current	10 mA	EachSection
Maximum Peak Anode Current	60 mA	EachSection
Maximum RMS Input Voltage	165 V	EachSection
Minimum Limiting Resistance per Anode	600 ohm	EachSection
Maximum Continuous Acceleration	25 g	—
Maximum Shock	500 g	ShortDuration

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker